PILLSBURY WINTHROP LLP, LOS ANGELES
Serial No.: Unassigned; Filing Date: May 6, 2004
Inventors: Adams/Chen
Title: An Intracellular Estradiol Binding Protein...
Attorney Name: Seth D. Levy (RN 44,869)
Tel.: (213) 488-7131 Docket No.: 081476-0302961
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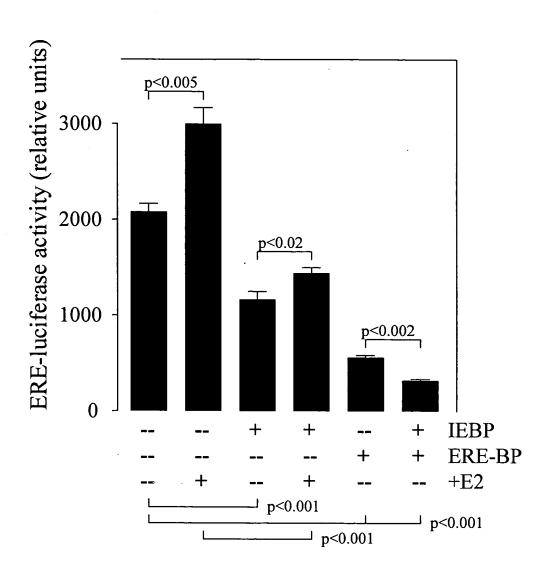
Fig. 1A

IEBP 1	MTERHVPFSLLQSPSWDPFRDWYPHSHLFDONGMERREEEWSQWFGT
hsp27	MTERRVPFSLLRGPSWDPFRDWYPHSRLFDONGGENERREEEWSQWLGG
hCrysA	~~~~~MDVTIQHPWFKRTLGPFY.PSRLFDOFFGEGUSEYDLLPFLSS
hCrysB	~~~~~MDIAIHHPWIRRPFFPFHSPSRLFDOFFGEHULESDLFP.TST
IEBP 51 hsp27 hCrysA hCrysB	SSWPGYVRPLPPTTVEGPAVAAPAYSRALNOOLSSGVSETADRWRVS SSWPGYVRPLPPAAIESPAVAAPAYSRALSRQLSSGVSEIRHTADRWRVS TISPYYRQSLFRT.VLDSGISEVRSDRDKFVIF SLSPFYLRPPSFLRAPS.WFDTGLSEMRLEKDRFSVN
IEBP 101	LDVNHPAPEELIEVKTKPGVVETTGKHBERODEHGFISRGFIRKYSLPPGV
hsp27	KDVNHPAPEELIEVKVOODDFVETHGKHNERODDHGYISRGFIRKYTLPPGV
hCrysA	LDVKHPSPEELKVKVODDFVETHGKHNERODEHGFISREFHRRYRLPSNV
hCrysB	LDVKHPSPEELKVKVLGDVIEVHGKHBERODEHGFISREFERKYRIPADV
IEBP 151 hsp27 hCrysA hCrysB	DPTOVSPSLSPEGTLTVDAPMSKPATOSNEITIPVTFESR.AQLGGPEDTOVSSSLSPEGTLTVEAPMPKLATQSNEITIPVTFESR.AQLGGPEDQSALSCSLSADGMLTFCGPKIQTGLDATHAERAIPVSREEKPTSAPSDPLTITSSLSSDGVLTVNGPRKQVSGPERTIPITREEKPAVTAAPK
IEBP 201	AAKSDRSAAK
hsp27	AAKSDETAAK
hCrysA	S
hCrysB	K

Fig. 1B

	hsp27	hCrys A	hCrys B
IEBP	87%	40%	44%
hCrys A	41%		54%
hCrys B	44%	54%	

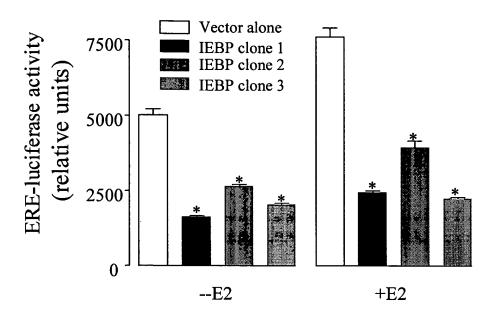
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<u>Fig. 2</u>

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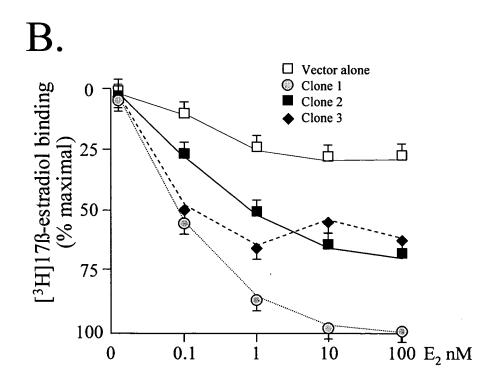


Fig. 3

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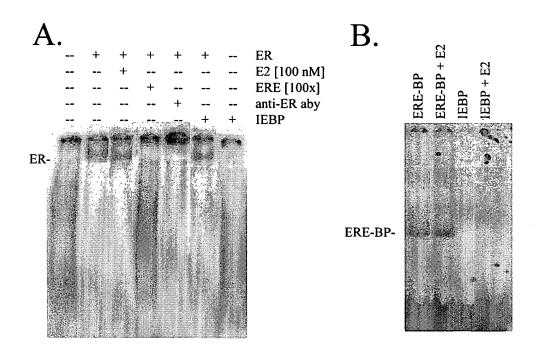
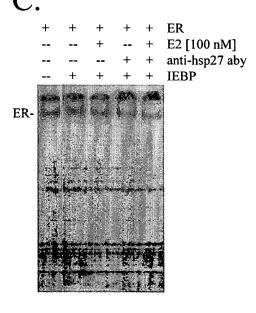


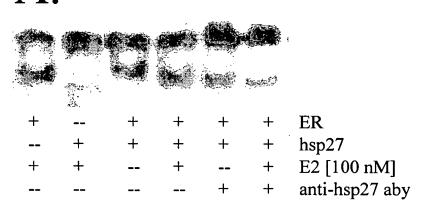
Fig. 4



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A



B.

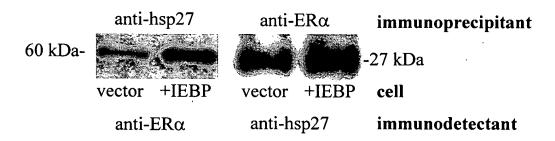


Fig. 5

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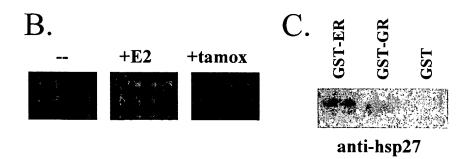
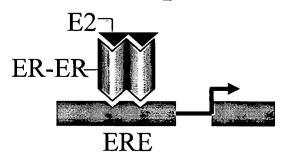


Fig. 6

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Fig. 8

normal expression 'sa



'squelched' expression E27—IEBP

